Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039613.D
Acq On : 26 Feb 2019 23:18
Operator : JU/SJ
Sample : K1594-28
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-3(8-9)

Quant Time: Feb 27 00:02:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51732	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	215627	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	151060	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	394008	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	413023	20.00	ng	-0.03
87) Perylene-d12	25.19	264	422478	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	243118	80.43	ng	0.00
7) Phenol-d6	7.31	99	351654	79.04	ng	0.00
23) Nitrobenzene-d5	9.34	82	203209	58.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	146007	89.76	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	487706	46.32	ng	-0.02
79) Terphenyl-d14	20.12	244	872169	44.70	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	7.31	77	732	Below Cal	#	4
19) n-Nitroso-di-n-propylamine	9.34	70	26685	8.450	ng	# 73
32) Benzoic acid	10.19	122	56	9.043	ng	# 1
48) 2-Nitroaniline	14.11	65	58	8.314	ng	# 10
50) Dimethylphthalate	14.23	163	34784	2.851	ng	99
51) 2,6-Dinitrotoluene	14.79	165	20295	14.243	ng	# 24
53) 3-Nitroaniline	15.04	138	53	5.812	ng	# 1
56) 4-Nitrophenol	14.87	139	61	5.819	ng	# 1
57) 2,4-Dinitrotoluene	14.79	165	20295	13.641	ng	# 20
62) 4-Nitroaniline	16.27	138	97	4.237	ng	# 1
65) 4,6-Dinitro-2-methylphenol	16.28	198	357	4.463	ng	# 1
67) 4-Bromophenyl-phenylether	16.27	248	11512	2.634	ng	# 1
84) Bis(2-ethylhexyl)phthalate	21.67	149	48151	3.112	ng	97

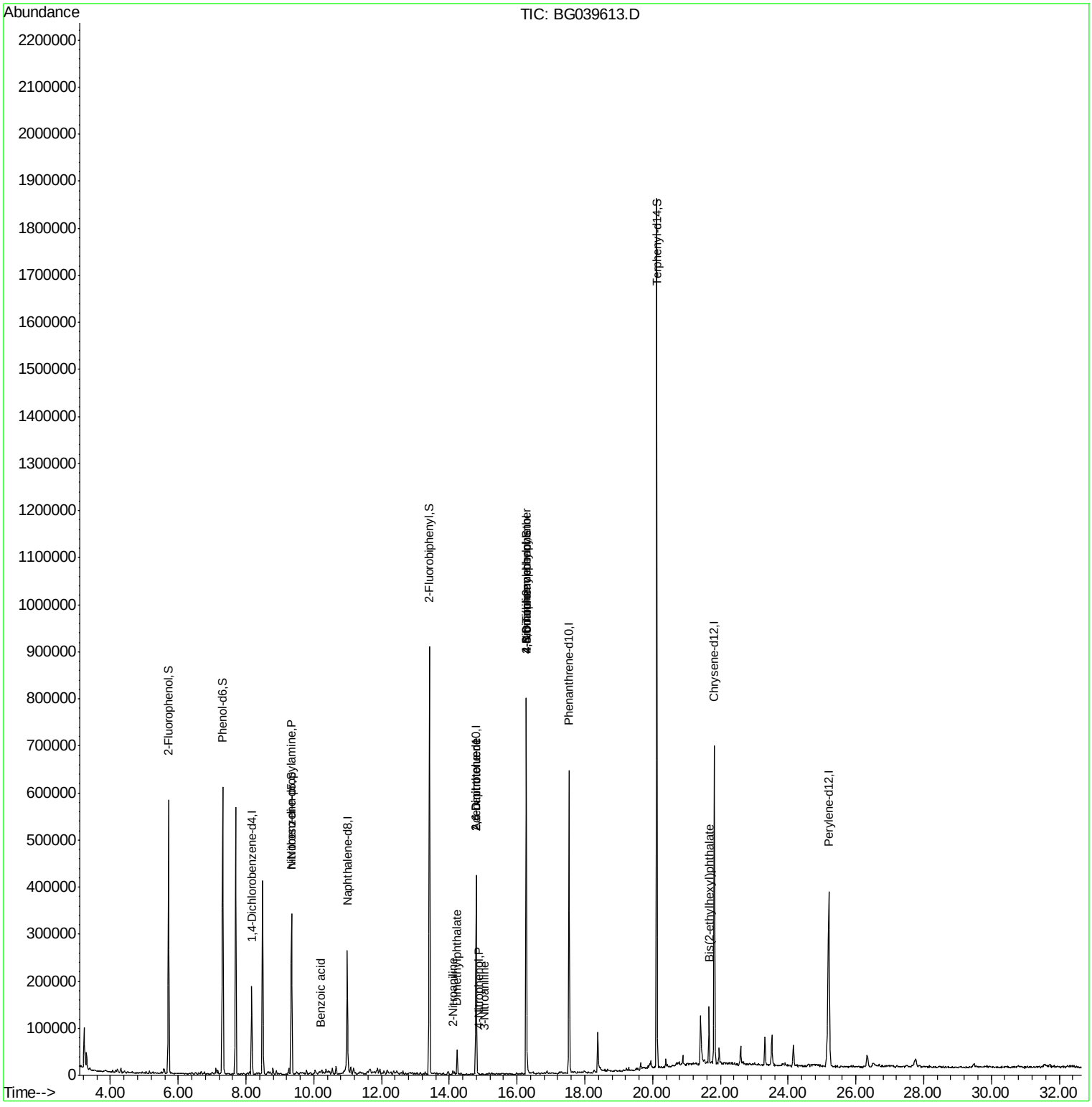
(#) = qualifier out of range (m) = manual integration (+) = signals summed

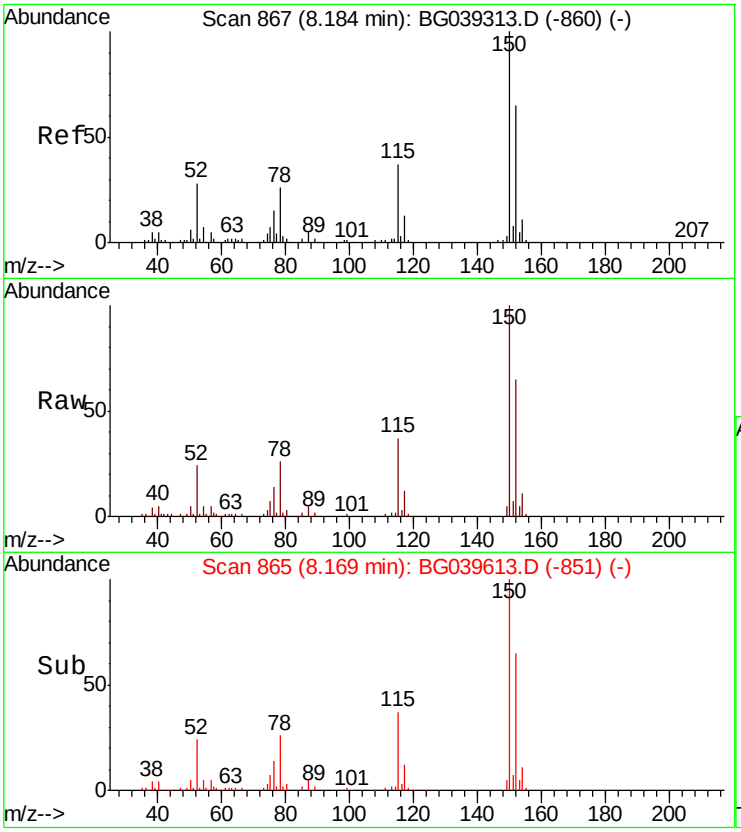
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG022619\
Data File : BG039613.D
Acq On : 26 Feb 2019 23:18
Operator : JU/SJ
Sample : K1594-28
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Quant Time: Feb 27 00:02:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration



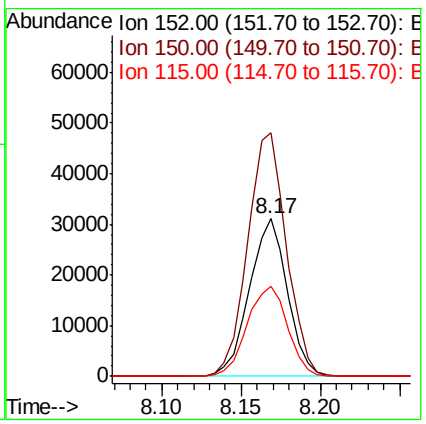


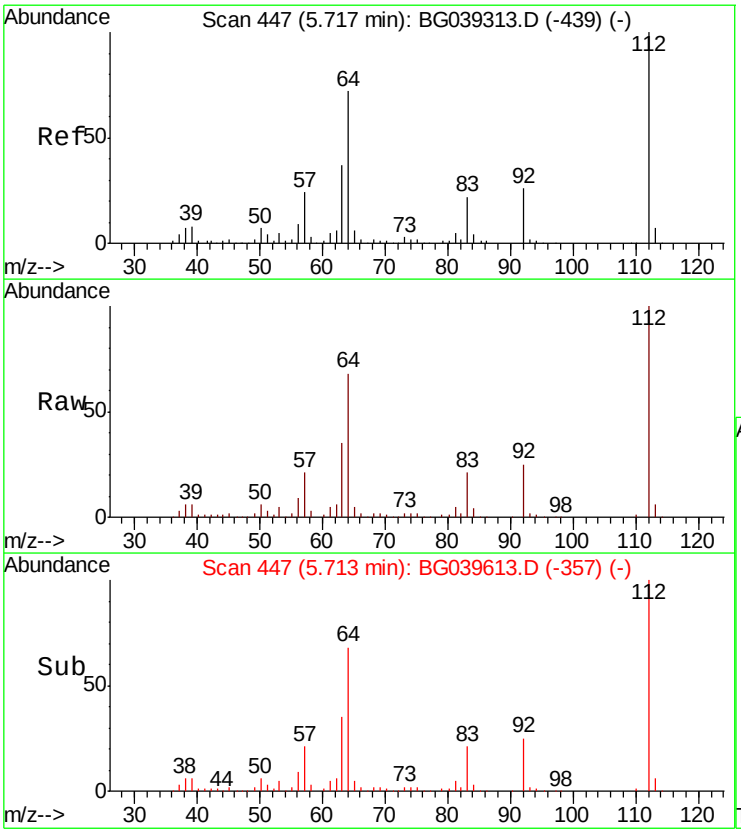
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:152 Resp: 51732

Ion	Ratio	Lower	Upper
152	100		
150	154.7	123.7	185.5
115	57.0	45.9	68.9

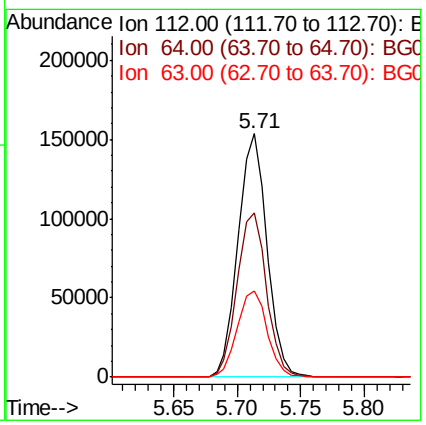


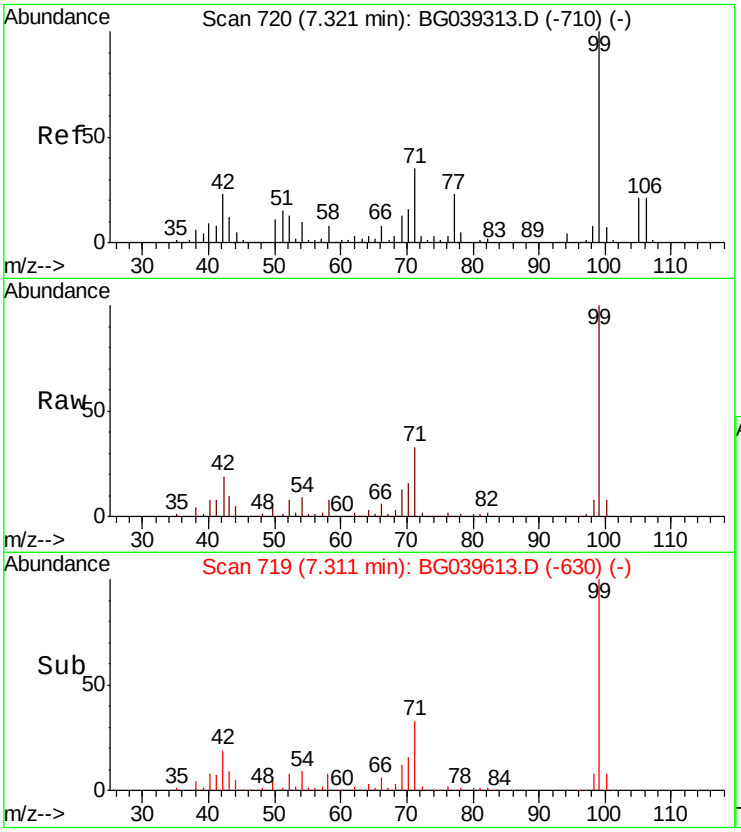


#5
2-Fluorophenol
Concen: 80.434 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:112 Resp: 243118

Ion	Ratio	Lower	Upper
112	100		
64	67.7	57.8	86.8
63	35.2	29.8	44.6



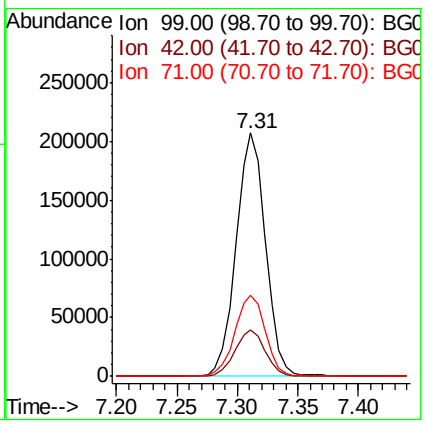


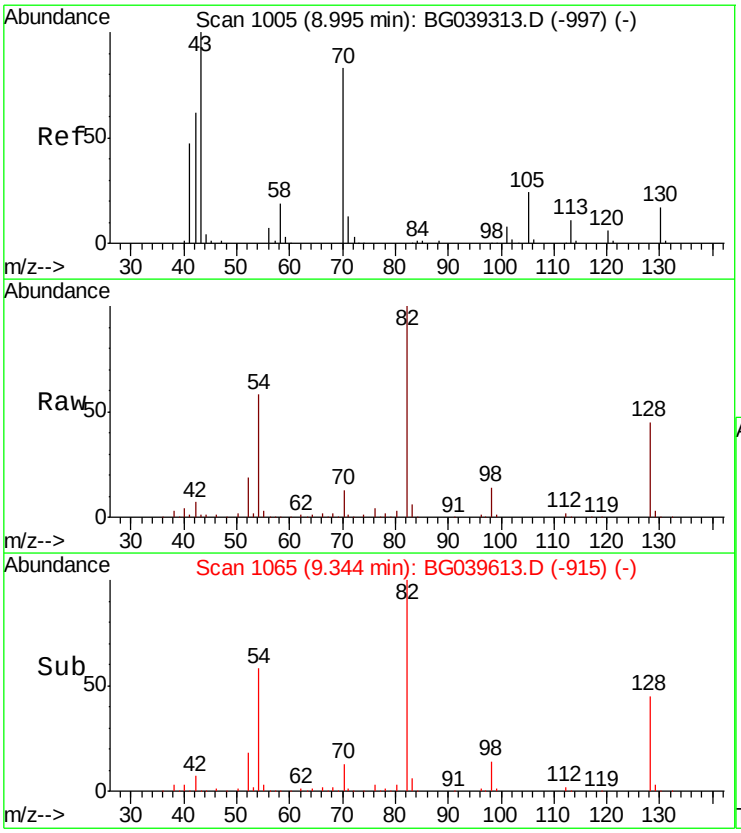
#7
Phenol-d6
Concen: 79.038 ng
RT: 7.31 min Scan# 719
Delta R.T. -0.01 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion: 99 Resp: 351654

Ion	Ratio	Lower	Upper
99	100		
42	19.2	18.2	27.2
71	33.1	28.0	42.0

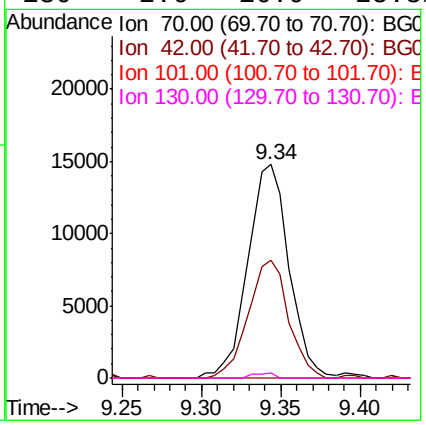


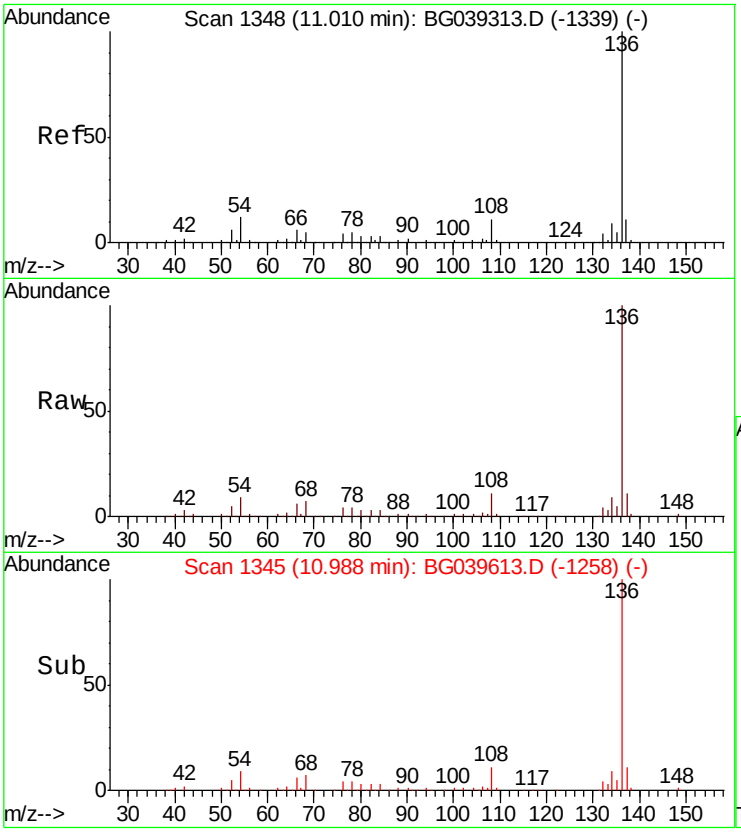


#19
n-Nitroso-di-n-propylamine
Concen: 8.450 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.35 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 70 Resp: 26685

Ion	Ratio	Lower	Upper
70	100		
42	55.3	60.4	90.6#
101	0.0	7.5	11.3#
130	2.6	16.9	25.3#



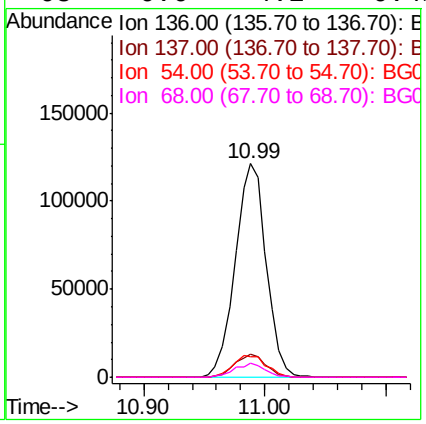


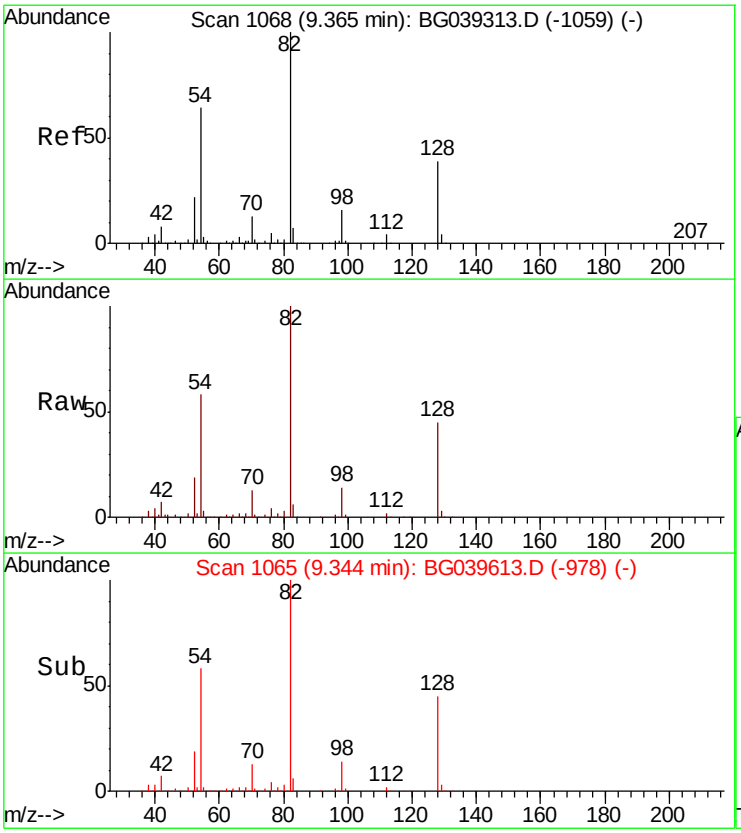
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:136 Resp: 215627

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.4	9.4	14.2#
68	6.6	4.2	6.4#

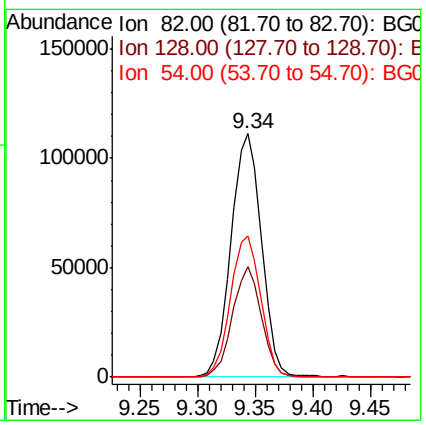


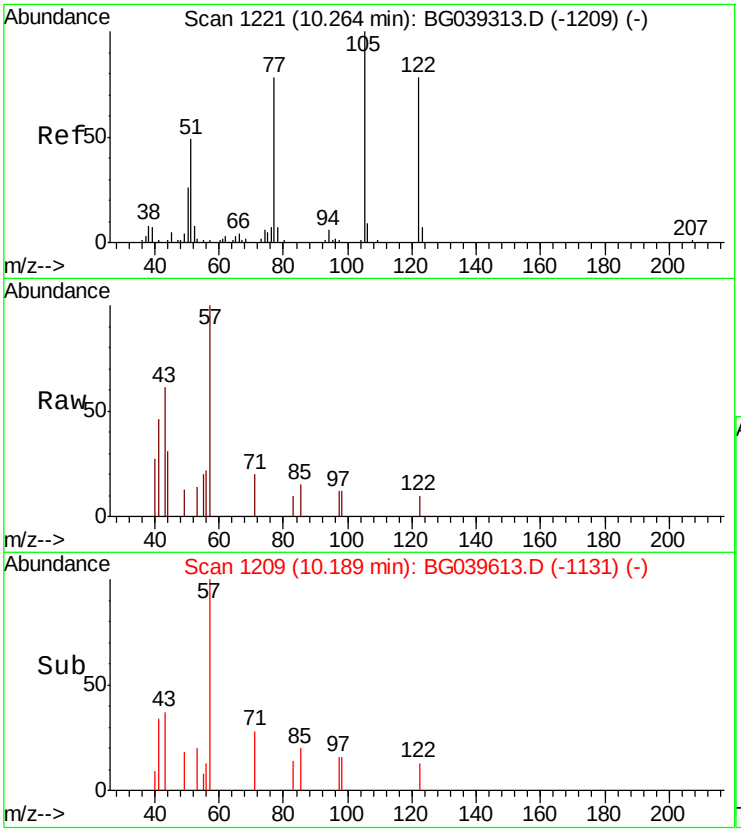


#23
Nitrobenzene-d5
Concen: 58.874 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion: 82 Resp: 203209

Ion	Ratio	Lower	Upper
82	100		
128	45.2	31.3	46.9
54	58.0	50.9	76.3



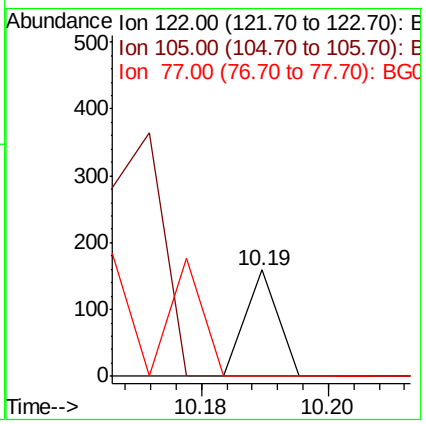


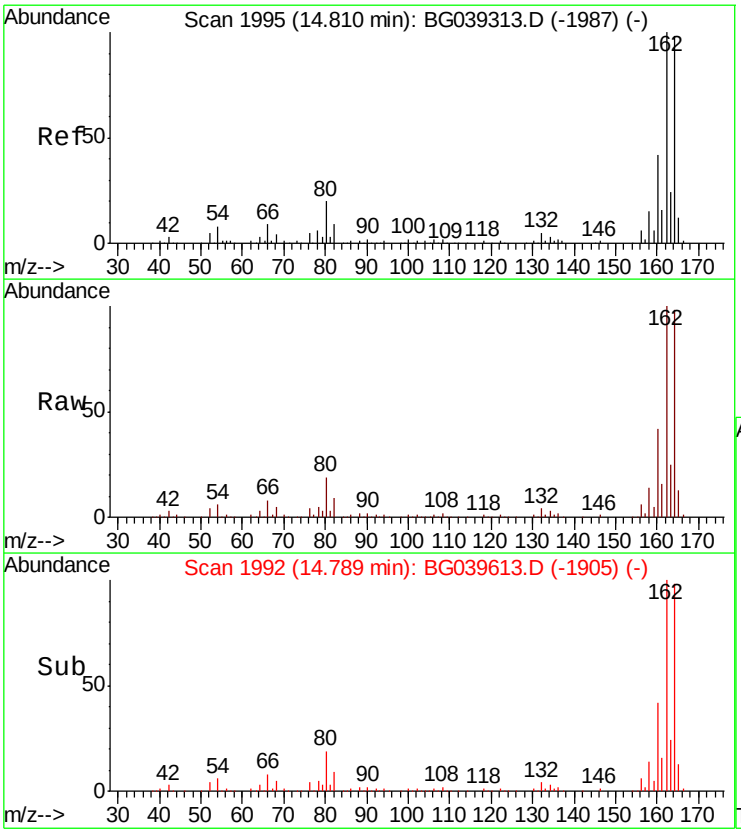
#32
Benzoic acid
Concen: 9.043 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.07 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:122 Resp: 56

Ion	Ratio	Lower	Upper
122	100		
105	0.0	101.8	141.8#
77	0.0	76.3	116.3#

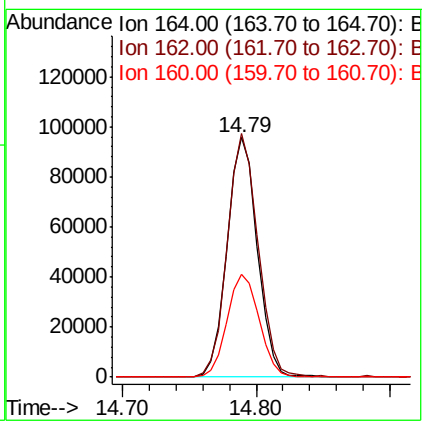


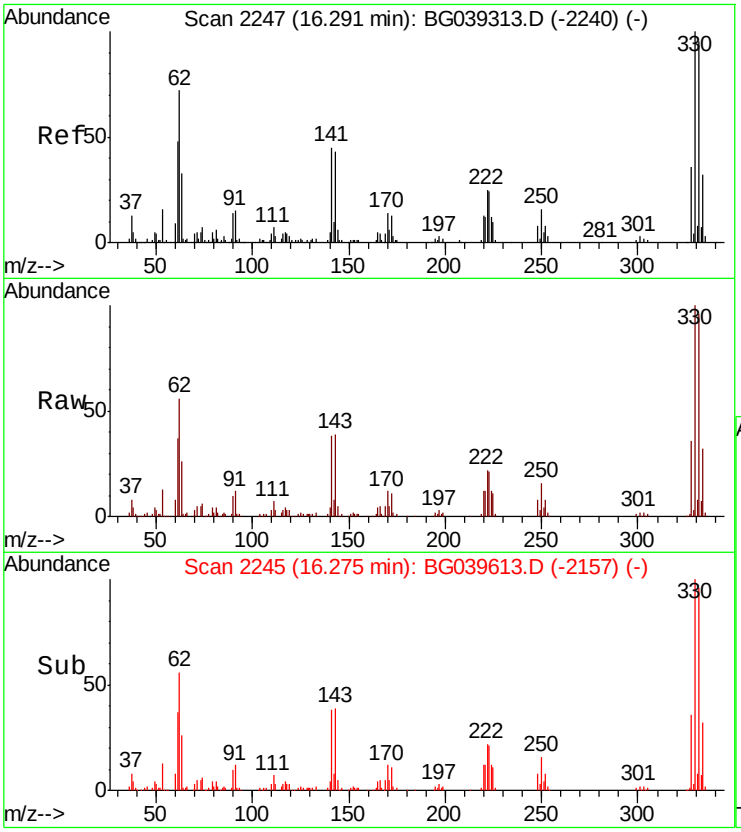


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:164 Resp: 151060

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.6	122.4
160	42.9	34.2	51.2



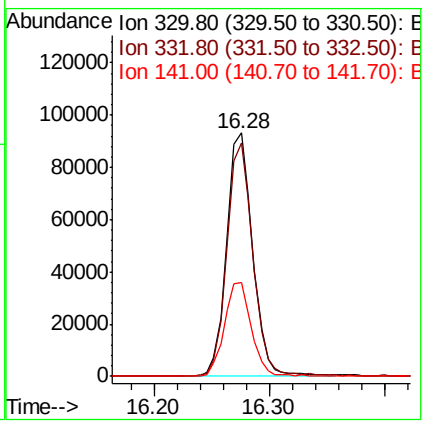


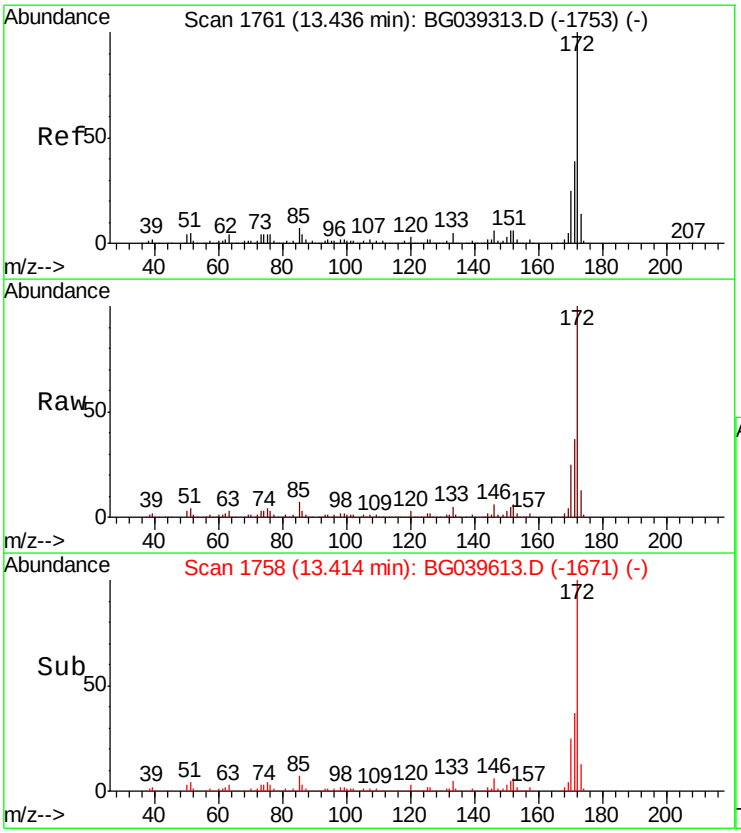
#42
2,4,6-Tribromophenol
Concen: 89.759 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:330 Resp: 146007

Ion	Ratio	Lower	Upper
330	100		
332	95.8	75.7	113.5
141	39.8	35.6	53.4

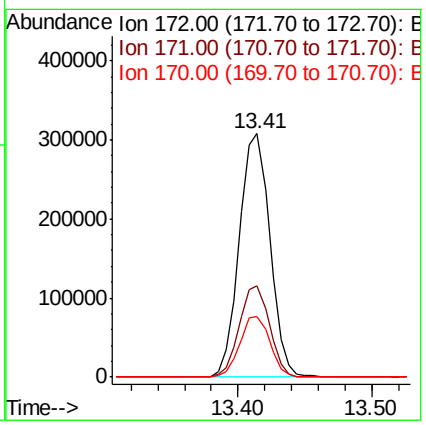


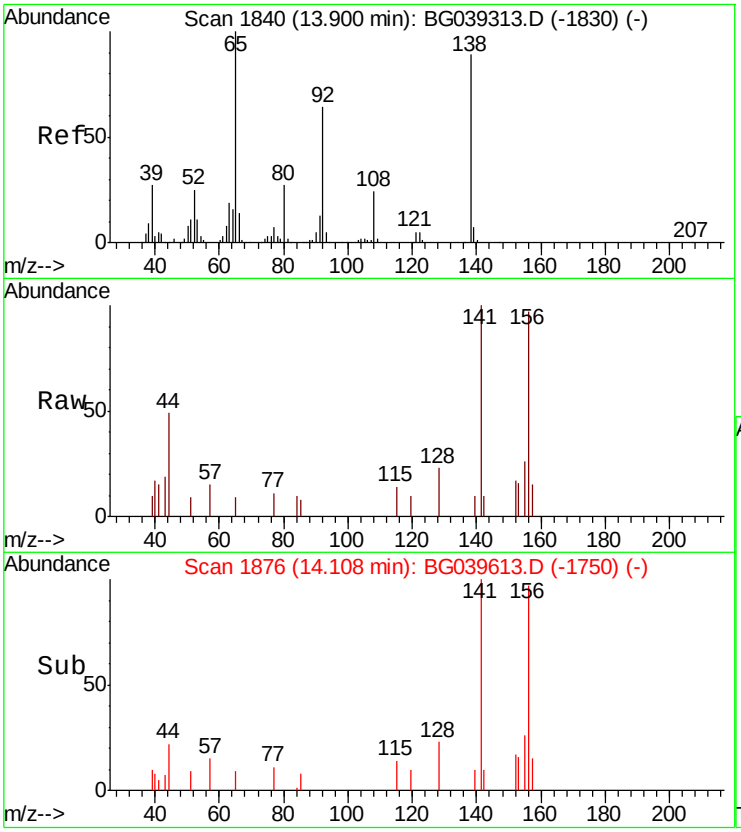


#45
2-Fluorobiphenyl
Concen: 46.315 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:172 Resp: 487706

Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.8	46.2
170	24.6	20.2	30.4



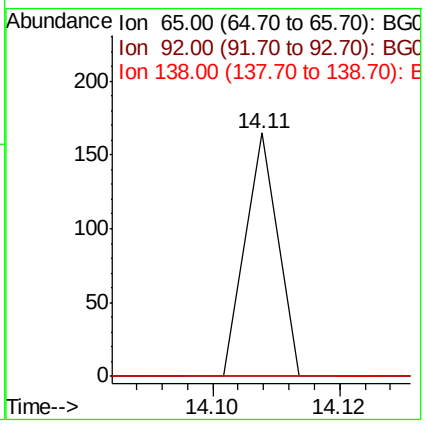


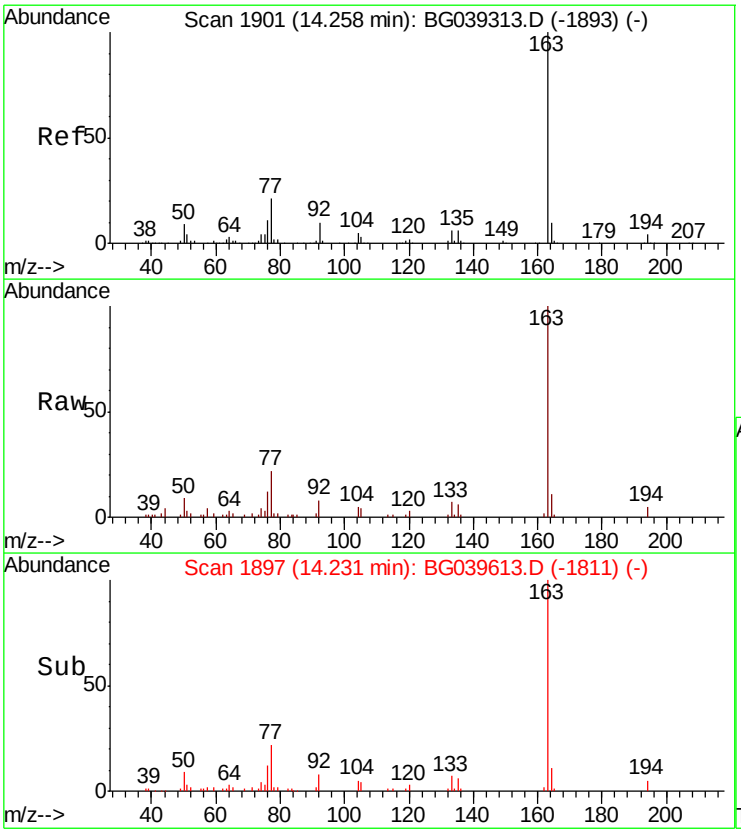
#48
2-Nitroaniline
Concen: 8.314 ng
RT: 14.11 min Scan# 1876
Delta R.T. 0.21 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion: 65 Resp: 58

Ion	Ratio	Lower	Upper
65	100		
92	0.0	51.4	77.2#
138	0.0	71.4	107.2#

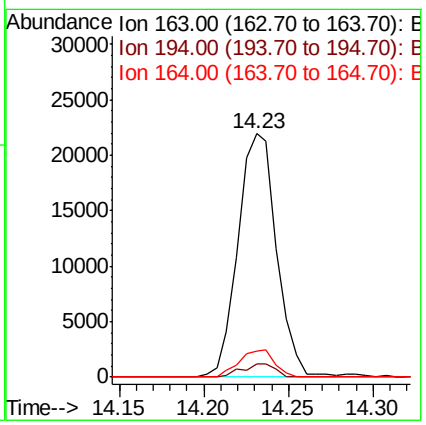


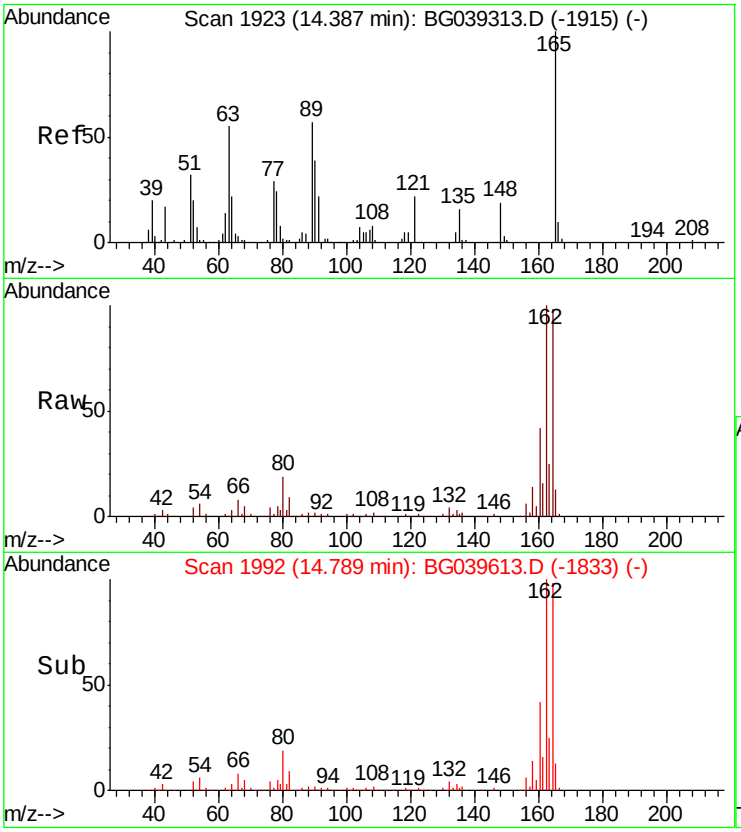


#50
Dimethylphthalate
Concen: 2.851 ng
RT: 14.23 min Scan# 1897
Delta R.T. -0.03 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:163 Resp: 34784

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.6	5.4
164	10.6	8.4	12.6



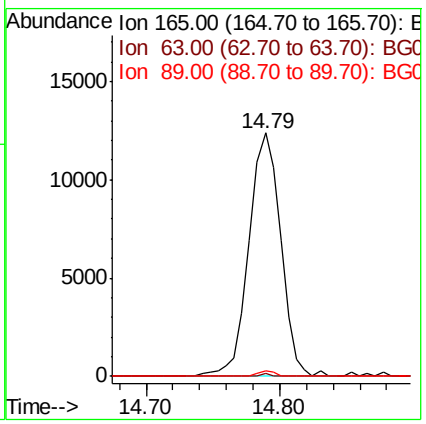


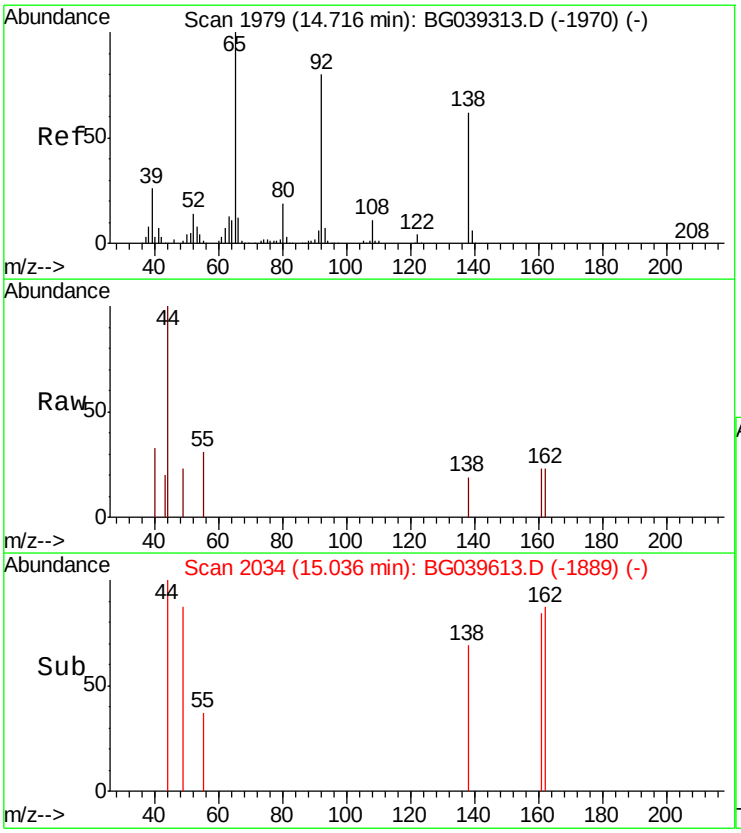
#51
2,6-Dinitrotoluene
Concen: 14.243 ng
RT: 14.79 min Scan# 1992
Delta R.T. 0.40 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:165 Resp: 20295

Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.0	70.6#
89	2.4	45.8	68.8#

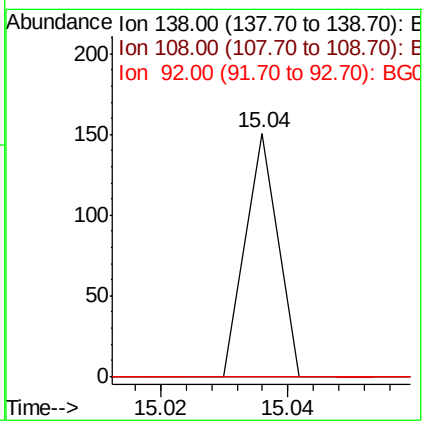


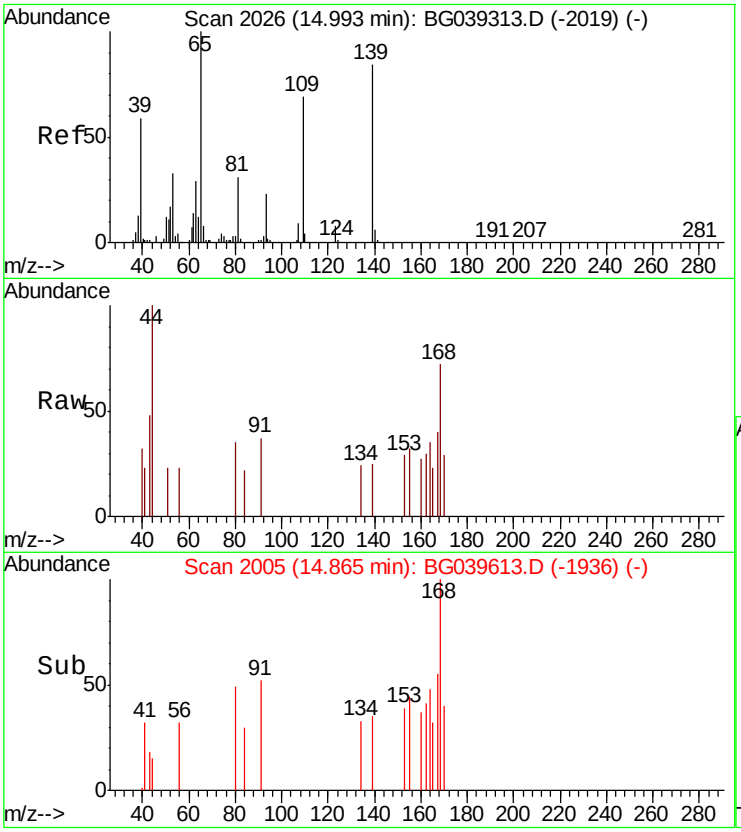


#53
3-Nitroaniline
Concen: 5.812 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.32 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:138 Resp: 53

Ion	Ratio	Lower	Upper
138	100		
108	0.0	13.8	20.8#
92	0.0	103.7	155.5#



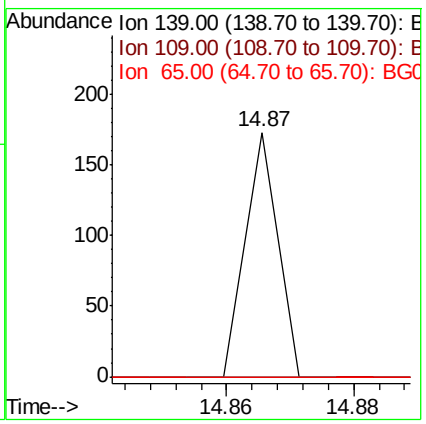


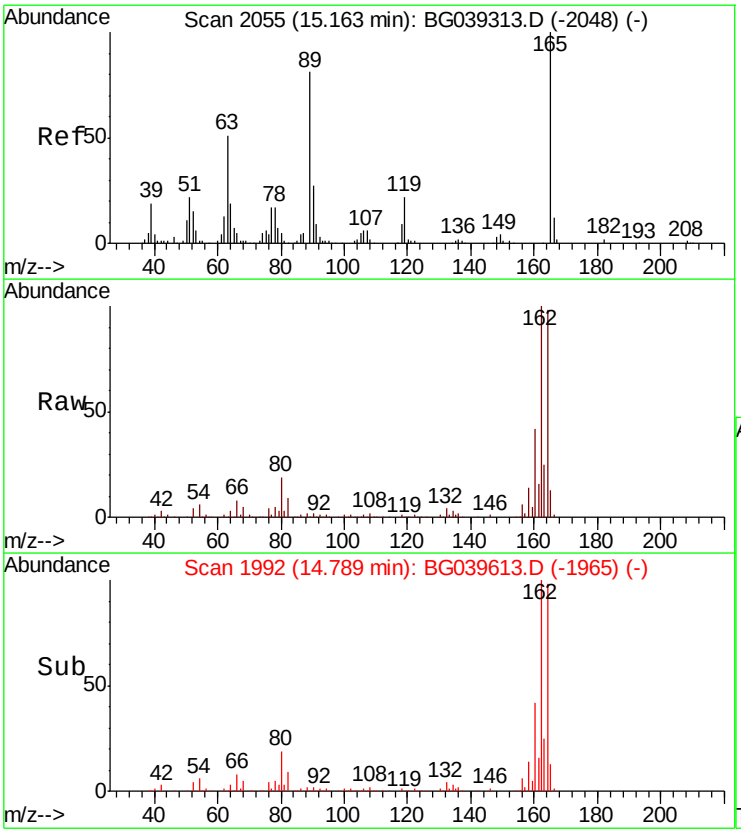
#56
4-Nitrophenol
Concen: 5.819 ng
RT: 14.87 min Scan# 2005
Delta R.T. -0.13 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:139 Resp: 61

Ion	Ratio	Lower	Upper
139	100		
109	0.0	61.9	101.9#
65	0.0	99.1	139.1#

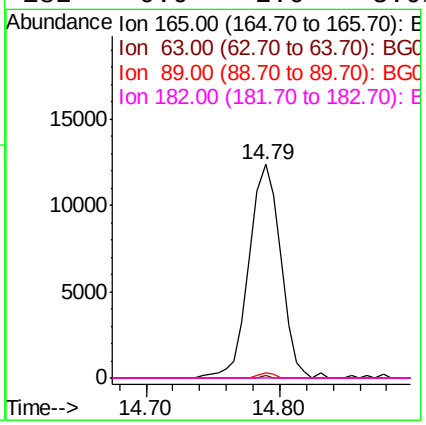


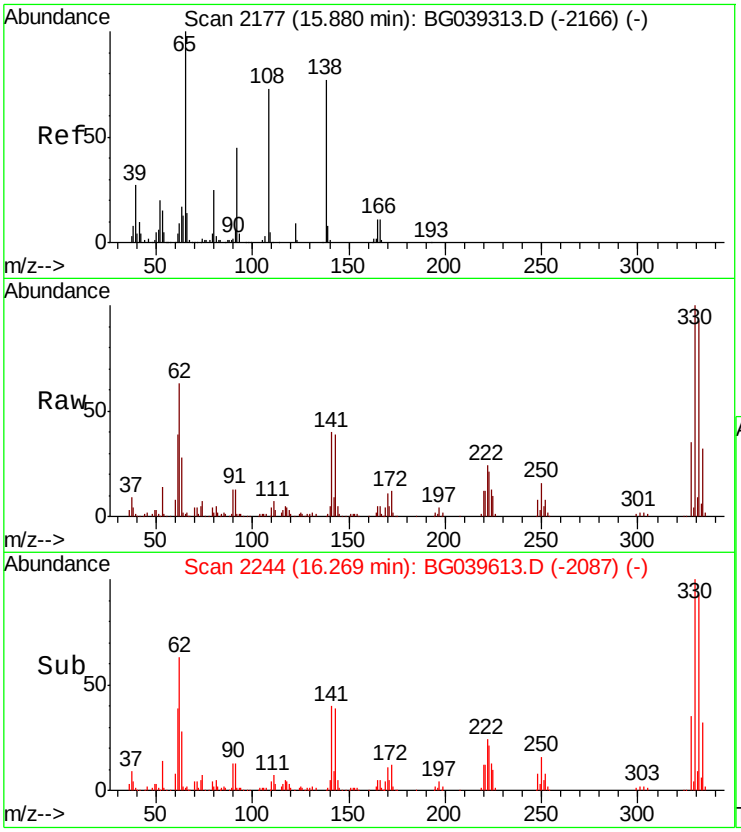


#57
2,4-Dinitrotoluene
Concen: 13.641 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.37 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:165 Resp: 20295

Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.0	61.6#
89	2.4	64.6	96.8#
182	0.0	2.0	3.0#



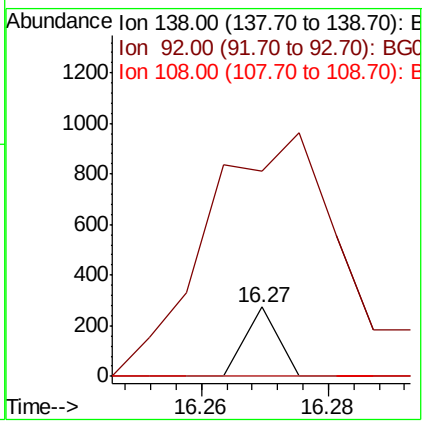


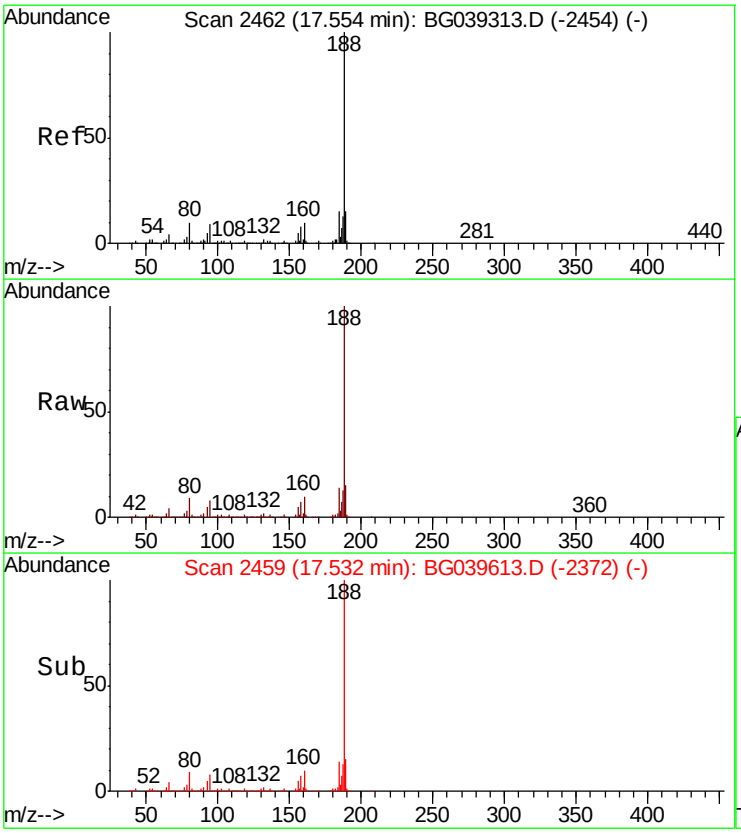
#62
4-Nitroaniline
Concen: 4.237 ng
RT: 16.27 min Scan# 2244
Delta R.T. 0.39 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:138 Resp: 97

Ion	Ratio	Lower	Upper
138	100		
92	297.1	38.7	78.7#
108	0.0	74.6	114.6#

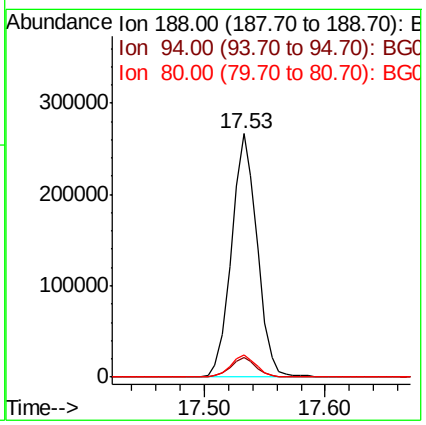


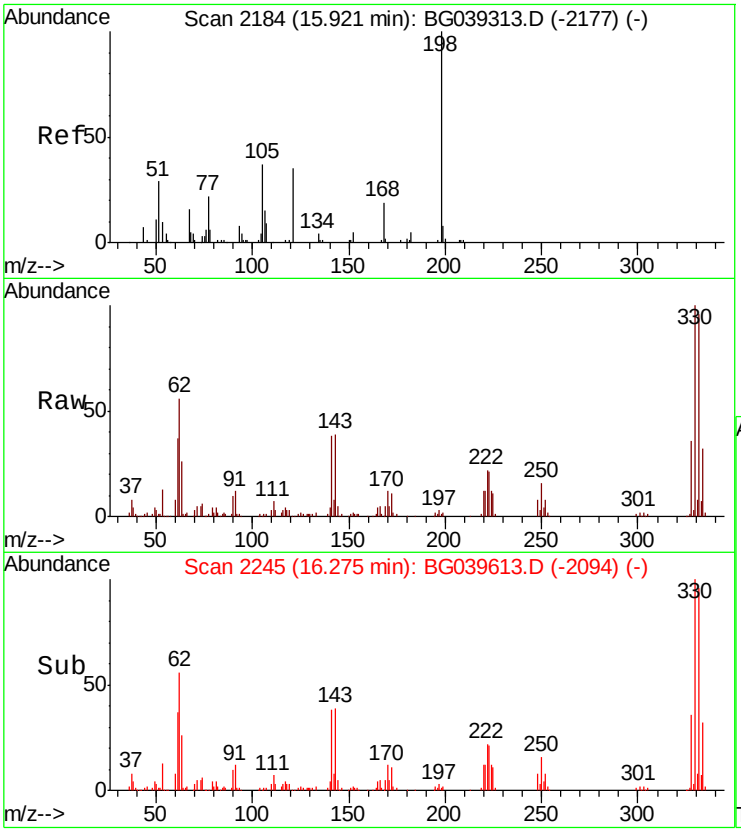


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2459
Delta R.T. -0.02 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:188 Resp: 394008

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.0	8.1	12.1



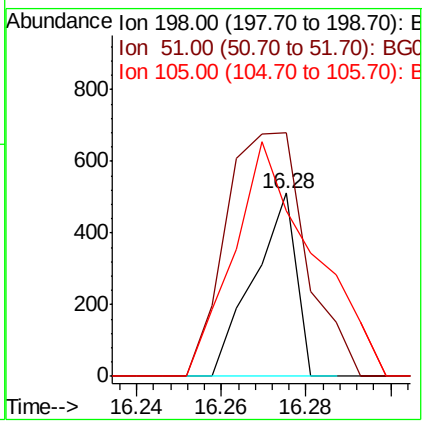


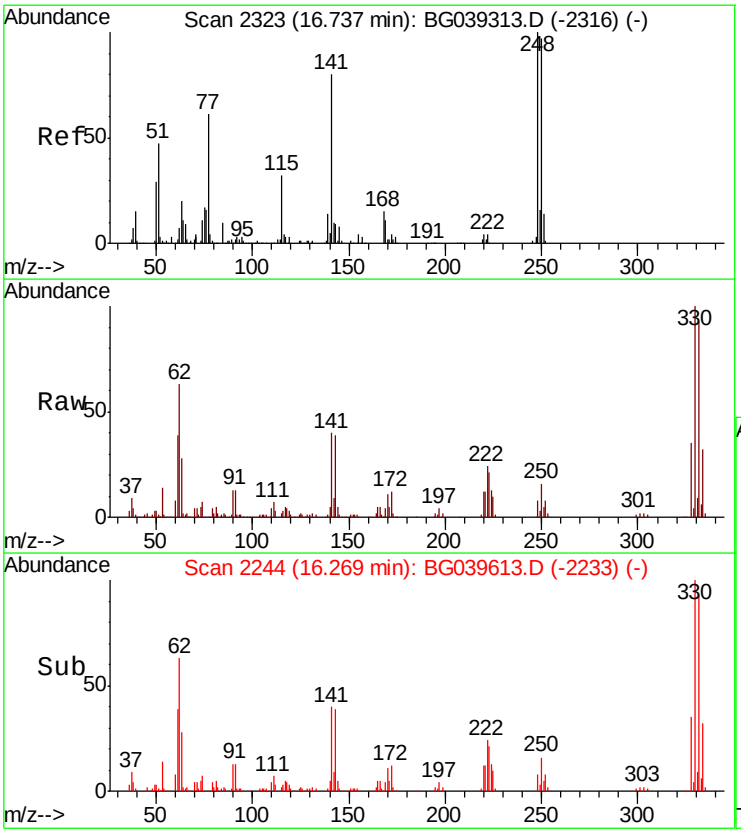
#65
4,6-Dinitro-2-methylphenol
Concen: 4.463 ng
RT: 16.28 min Scan# 2245
Delta R.T. 0.36 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:198 Resp: 357

Ion	Ratio	Lower	Upper
198	100		
51	132.9	27.4	67.4#
105	90.6	19.7	59.7#

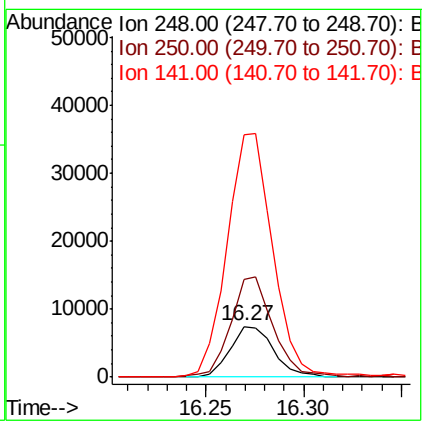


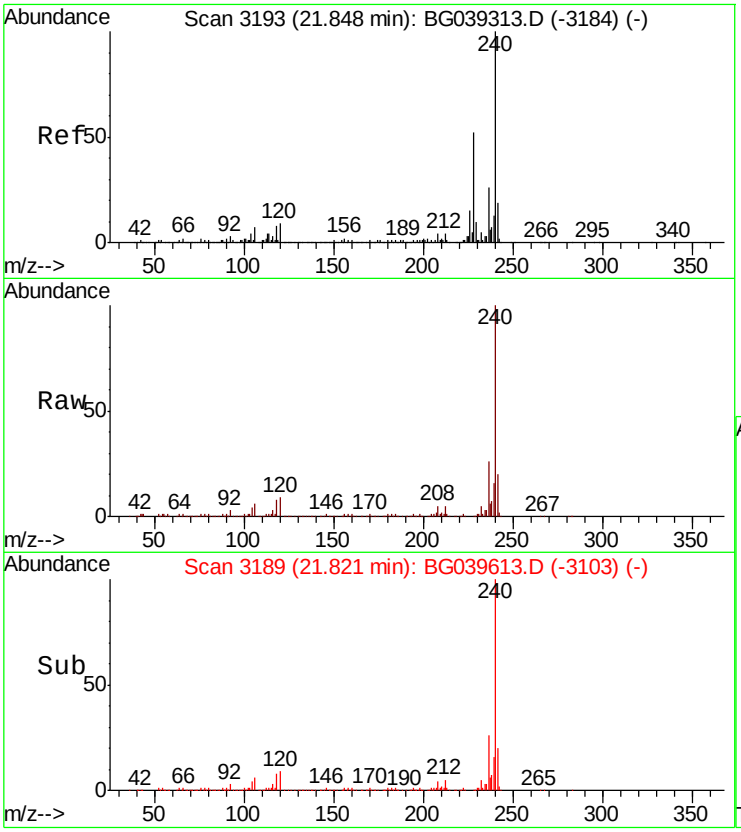


#67
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 16.27 min Scan# 2244
Delta R.T. -0.47 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:248 Resp: 11512

Ion	Ratio	Lower	Upper
248	100		
250	193.3	77.6	116.4#
141	476.0	63.9	95.9#



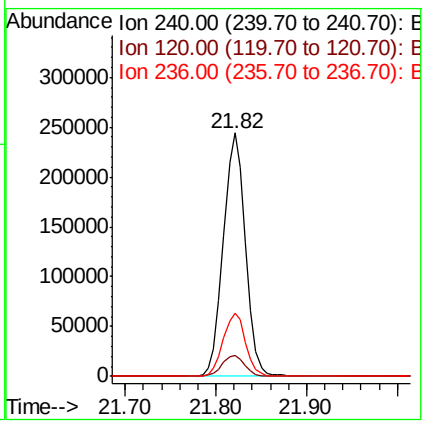


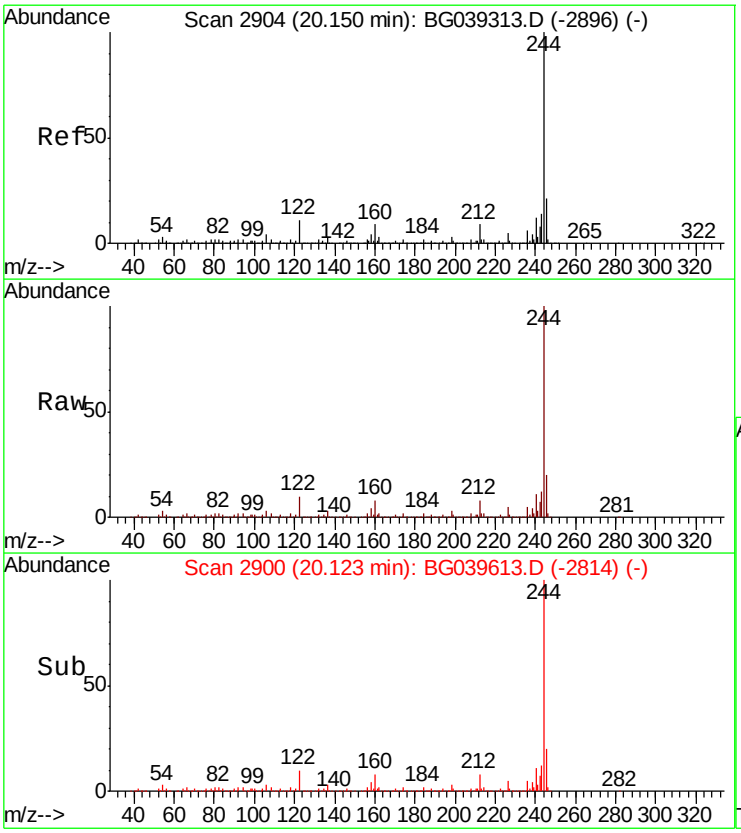
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.03 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:240 Resp: 413023

Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.0	21.0	31.4

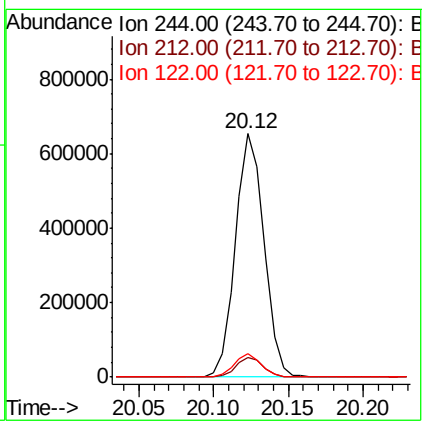


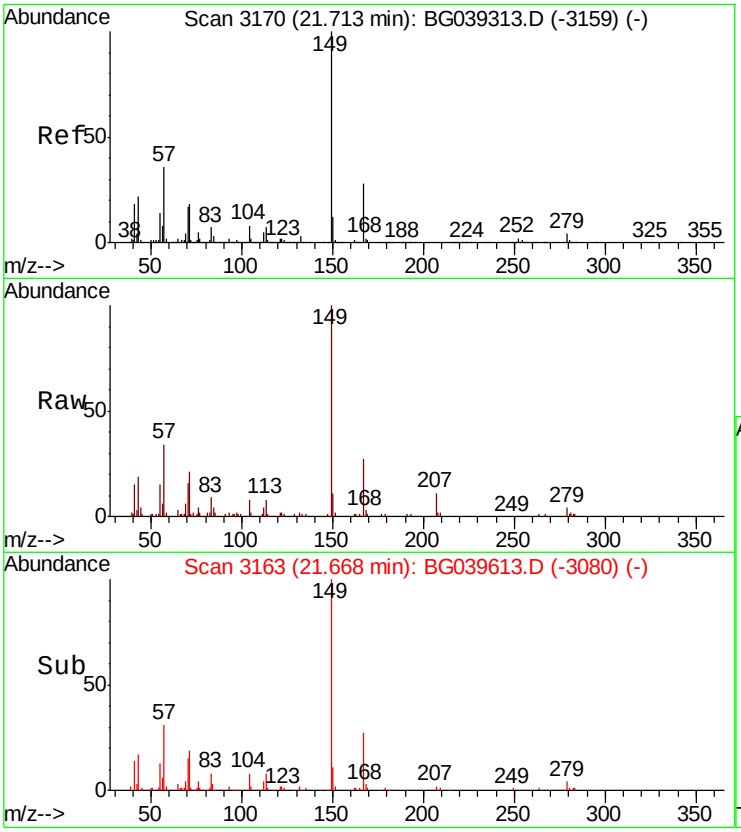


#79
Terphenyl-d14
Concen: 44.698 ng
RT: 20.12 min Scan# 2900
Delta R.T. -0.03 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:244 Resp: 872169

Ion	Ratio	Lower	Upper
244	100		
212	8.0	7.3	10.9
122	9.7	8.4	12.6



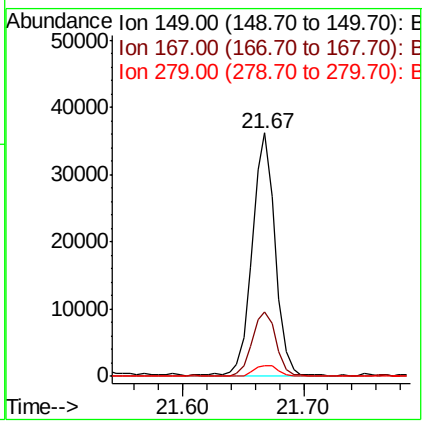


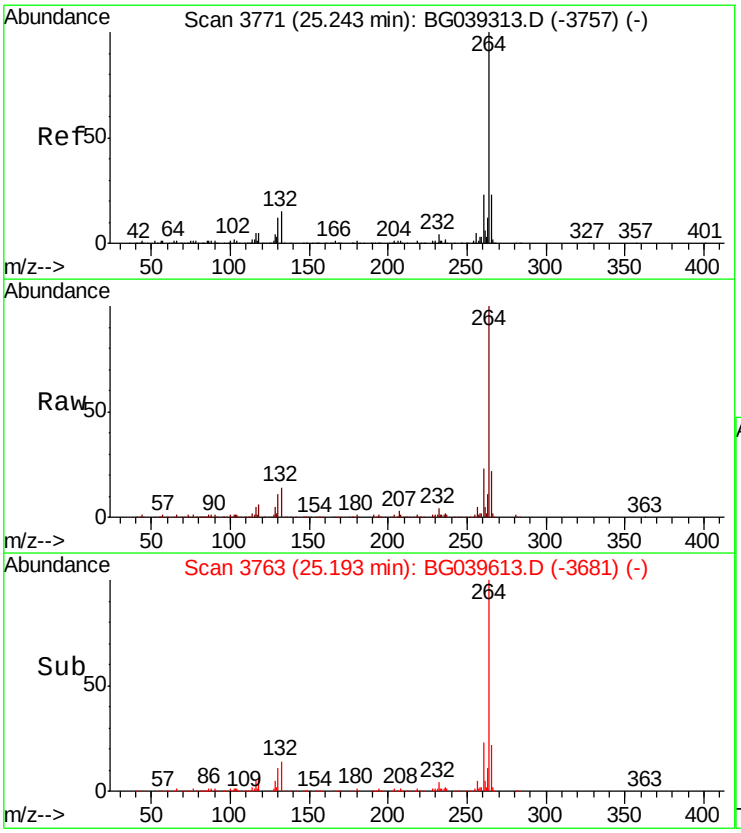
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.112 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Instrument :
BNA_G
ClientSampleId :
B-3(8-9)

Tgt Ion:149 Resp: 48151

Ion	Ratio	Lower	Upper
149	100		
167	26.6	22.6	34.0
279	4.4	3.5	5.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039613.D
Acq: 26 Feb 2019 23:18

Tgt Ion:264 Resp: 422478

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.4
265	21.8	18.5	27.7